

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|--|---|------------------|---------|------------------|
| S99 | 40 | S97 and S98 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/28 12:55 |
| S98 | 1217455 | ((dis\$1 hard) near2 (drive apparatus)) HDA HDD DASD RAID platter (magnetic storage drive\$1 assembly) near2 (disk\$5 disc\$1 media medium device) (storage near2 drive\$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/28 12:54 |
| S97 | 210 | ((chang\$3 or vary or vari\$3 or increas\$3 or decreas\$3 or decrement\$3 or increment\$3 or control\$4) near5 (heat\$3 or temperature)) same (transducer or element of head) same (height or flight or protru\$5 or spac\$5 or fly\$3) same ((test\$3 referenc\$3) near5 (data information info track)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/28 12:52 |
| S96 | 69334 | ((chang\$3 or vary or vari\$3 or increas\$3 or decreas\$3 or decrement\$3 or increment\$3 or control\$4) near5 (heat\$3 or temperature)) same (transducer or element of head) same (height or flight or protru\$5 or spac\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/28 12:49 |
| S49 | 45927 | ((chang\$3 or vary or vari\$3 or increas\$3 or decreas\$3 or decrement\$3 or increment\$3) near5 (heat\$3 or temperature)) same (transducer or element of head) same (height or flight or protru\$5 or spac\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/28 12:46 |
| S95 | 5 | ((("4777544") or ("5818592") or ("6046596") or ("6125008") or ("6501606")).PN. | USPAT | OR | OFF | 2004/12/07 17:29 |
| S92 | 66 | S88 and S90 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 17:26 |

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| S93 | 148 | S88 and S91 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 17:18 |
| S91 | 1240 | 360/46.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 17:17 |
| S90 | 1478 | 360/66.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 17:17 |
| S89 | 92 | S71 and S88 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 17:17 |
| S88 | 236969 | (look-up (look adj up) or table or register or list) near10 (voltage or current or temperature or heat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 17:17 |
| S71 | 1550 | 360/48.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 17:17 |
| S87 | 0 | S71 AND S86 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 17:16 |
| S86 | 6530 | (look-up (look adj up)) near10 (voltage or current or temperature or heat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 17:16 |

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| S82 | 10496 | (look-up (look adj up)) same (height or flight or protrusion or space or temperature or heat) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 17:15 |
| S85 | 20 | S82 and S84 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 17:11 |
| S84 | 6781 | 360/75.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 17:11 |
| S83 | 73 | S67 and S82 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 17:11 |
| S80 | 254 | ((error or defect) with (look-up (look adj up))) same (height or flight or protrusion or space or temperature or heat) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 17:11 |
| S81 | 5 | S67 and S80 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 17:07 |
| S78 | 95 | ((error or defect) near (look-up (look adj up))) same (height or flight or protrusion or space or temperature or heat) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 17:07 |
| S79 | 3 | S67 and S78 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 17:06 |

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| S77 | 185 | ((error or defect) near5 (look-up (look adj up))) same (read\$3 or reproduc\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 17:05 |
| S74 | 8135 | ((error or defect) near5 (list\$5 or register or table)) same (read\$3 or reproduc\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 17:04 |
| S76 | 59 | S75 not S72 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 17:02 |
| S72 | 15 | S68 and S71 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 17:02 |
| S75 | 70 | S71 and S74 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 17:01 |
| S66 | 2906 | ((error or defect) near5 (list\$5 or register or table)) same (height or flight or protru\$5 or spac\$5 or temperature or heat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 17:01 |
| S73 | 12 | S72 not S70 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 16:58 |
| S70 | 19 | S68 and S69 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 16:58 |

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| S69 | 1177 | 360/53.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 16:52 |
| S68 | 87 | S66 and S67 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 16:52 |
| S67 | 101560 | "360"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 16:51 |
| S65 | 34911 | (error or defect) near5 (list\$5 or register or table) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 16:50 |
| S64 | 29 | S63 and S61 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 14:42 |
| S63 | 1953 | 360/31.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 14:42 |
| S62 | 35 | S54 and S61 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 14:41 |
| S61 | 245214 | (table or register) near10 (height or flight or protr\$5 or spac\$5 or temperature or heat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 14:04 |

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| S52 | 70597 | (read\$3 or reproduc\$3) near5 (error or defect) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 13:59 |
| S60 | 10 | ("5880899").URPN. | USPAT | OR | ON | 2004/12/07 12:40 |
| S59 | 1 | ("5880899").PN. | USPAT | OR | OFF | 2004/12/07 12:40 |
| S55 | 20 | S51 and S54 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 12:40 |
| S58 | 59 | S57 not S55 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 12:26 |
| S57 | 64 | S51 and S56 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 12:25 |
| S56 | 6781 | 360/75.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 12:25 |
| S54 | 1177 | 360/53.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 12:25 |
| S53 | 94 | S51 and S52 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 12:15 |
| S51 | 503 | S47 and S49 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 12:07 |

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| S46 | 180321 | ((chang\$3 or vary or vari\$3 or increas\$3 or decreas\$3 or decrement\$3 or increment\$3) near5 (heat\$3 or temperature)) same (transducer or element of head) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 12:04 |
| S48 | 2353 | S47 and S46 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 12:03 |
| S47 | 101560 | "360"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 12:03 |
| S2 | 1407 | ((read\$3 or reproduc\$3) near10 (defect or error)) same (heat\$3 or temperature) same (transducer or element of head) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/07 12:00 |
| S45 | 8 | ("4841389" "4872071" "5168413" "5410439" "6046871" "6401214" "6530034" "6600614").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/07 11:46 |
| S44 | 0 | ("6771440").URPN. | USPAT | OR | ON | 2004/12/07 11:46 |
| S43 | 18 | ("20010046108" "5377058" "5515219" "5624581" "5832763" "5832764" "5859738" "5863237" "5901001" "5991114" "6057975" "6072151" "6084733" "6160683" "6296552" "6419551" "6493184" "6606210").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/07 11:41 |
| S42 | 0 | ("6760174").URPN. | USPAT | OR | ON | 2004/12/07 11:41 |
| S41 | 18 | ("20010046108" "5377058" "5515219" "5624581" "5832763" "5832764" "5859738" "5863237" "5901001" "5991114" "6057975" "6072151" "6084733" "6160683" "6296552" "6419551" "6493184" "6606210").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/06 16:19 |

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| S40 | 41 | S14 and S39 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 15:44 |
| S39 | 104 | ((control\$3 or adjust\$3 or chang\$3 or increas\$4 or decreas\$3) near5 ((fly\$3 near5 (high or height)) or flight or clearance)) same ((read\$3 or reproduc\$3) near5 (error or defect)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 15:44 |
| S38 | 76879 | ((control\$3 or adjust\$3 or chang\$3 or increas\$4 or decreas\$3) near5 ((fly\$3 near5 (high or height)) or flight or clearance)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 15:42 |
| S30 | 2708249 | ((control\$3 or adjust\$3 or chang\$3 or increas\$4 or decreas\$3) same (heat\$3 or thermal\$5 or temperature)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 15:42 |
| S37 | 1 | ("5600501").PN. | USPAT | OR | OFF | 2004/12/06 15:15 |
| S36 | 56 | S24 and S33 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 15:15 |
| S35 | 37 | S27 and S33 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 14:52 |
| S34 | 322 | S14 and S33 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 14:48 |
| S33 | 2086 | S29 and S32 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 14:47 |

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| S32 | 578273 | ((control\$3 or adjust\$3 or chang\$3 or increas\$4 or decreas\$3) same (heat\$3 or thermal\$5 or temperature)) same (head or transducer or element or pole) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 14:47 |
| S31 | 6163 | S29 and S30 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 14:46 |
| S29 | 40954 | (read\$3 or reproduc\$3) near10 ((test\$3 or referenc\$3) near5 (data or information or pattern or track or sector)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 14:43 |
| S28 | 40 | S21 and S27 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 14:42 |
| S27 | 1177 | 360/53.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 14:13 |
| S26 | 89 | S21 and S24 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 14:13 |
| S25 | 67 | S21 and S23 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 13:42 |
| S24 | 6780 | 360/75.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 13:42 |

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| S23 | 705 | 360/59.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 13:42 |
| S22 | 844 | S14 and S21 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 13:42 |
| S21 | 12510 | ((heat\$3 or temperature) near10 (transducer or pole or element or head)) near10 (read\$3 or reproduc\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 13:39 |
| S20 | 66599 | ((heat\$3 or temperature) near10 (transducer or pole or element or head)) same (read\$3 or reproduc\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 13:38 |
| S16 | 17296 | ((heat\$3 or temperature) near10 (transducer or pole or element or head)) same (increment\$5 or increas\$5) same (read\$3 or reproduc\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 13:32 |
| S19 | 139 | S14 and S18 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 10:51 |
| S18 | 1787 | S16 and S9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 10:51 |
| S17 | 506 | S14 and S16 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 10:51 |

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|-----|--------|--|---|----|-----|------------------|
| S15 | 249 | S13 and S14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 10:50 |
| S14 | 101542 | "360"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 10:50 |
| S12 | 105706 | ((heat\$3 or temperature) near10 (transducer or pole or element or head)) same (increment\$5 or increas\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 10:50 |
| S13 | 9046 | S9 and S12 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 10:49 |
| S10 | 601931 | ((heat\$3 or temperature) near10 (transducer or pole or element or head)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 10:47 |
| S11 | 35365 | S9 and S10 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 10:46 |
| S9 | 683220 | ((fly\$3 near5 (high or height)) or flight or clearance) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 10:45 |
| S1 | 5 | ((("5594595") or ("5863237") or ("6084741") or ("6195219") or ("6693769"))).PN. | USPAT | OR | OFF | 2004/12/06 10:45 |
| S8 | 142 | S3 and S7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 10:36 |

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| S7 | 833 | ((read\$3 or reproduc\$3) near10 (defect or error)) same (heat\$3 or temperature or protr\$6) same (increas\$5 or increment\$3 or high\$5) same (transducer or element of head) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 10:36 |
| S4 | 272 | S2 and S3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 10:32 |
| S6 | 705 | 360/59.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 10:31 |
| S3 | 101542 | "360"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 10:31 |